

 Forskningsrådet

Innovasjon i H2020

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 Forskningsrådet

1. Kort om innovasjonsteori



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graph LR; A[Grunnforskning] --> B[Anvendt forskning]; B --> C[Innovasjon]; C --> D[Verdiskaping];
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Systemisk innovasjonsmodell

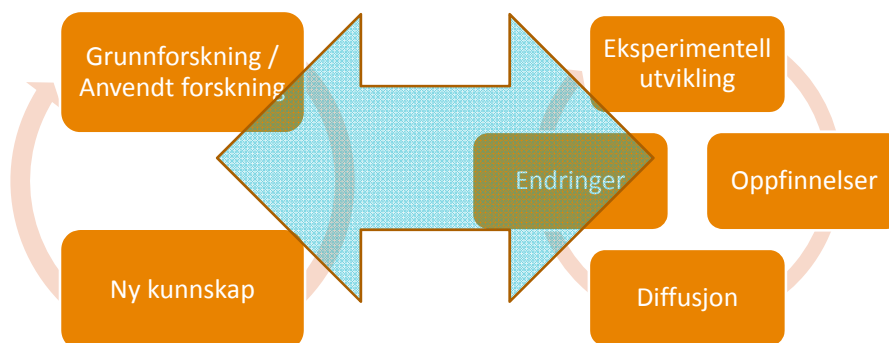
Five-Year Assessment of the European Union Research Framework Programmes 1999-2003:

- Modern innovation research **rejects the idea that innovation simply flows from some earlier process of scientific or technological discovery** – the so-called 'linear model' of innovation.
- Instead, it stresses the **interactive and dynamic** character of innovation.
- In addition to the **independent decision-making** at the level of the enterprise or the network, it depends critically on **broader factors** including the institutional and organisational framework, regulatory systems, infrastructures, the processes which create and distribute scientific knowledge and, not least, the social and cultural context.

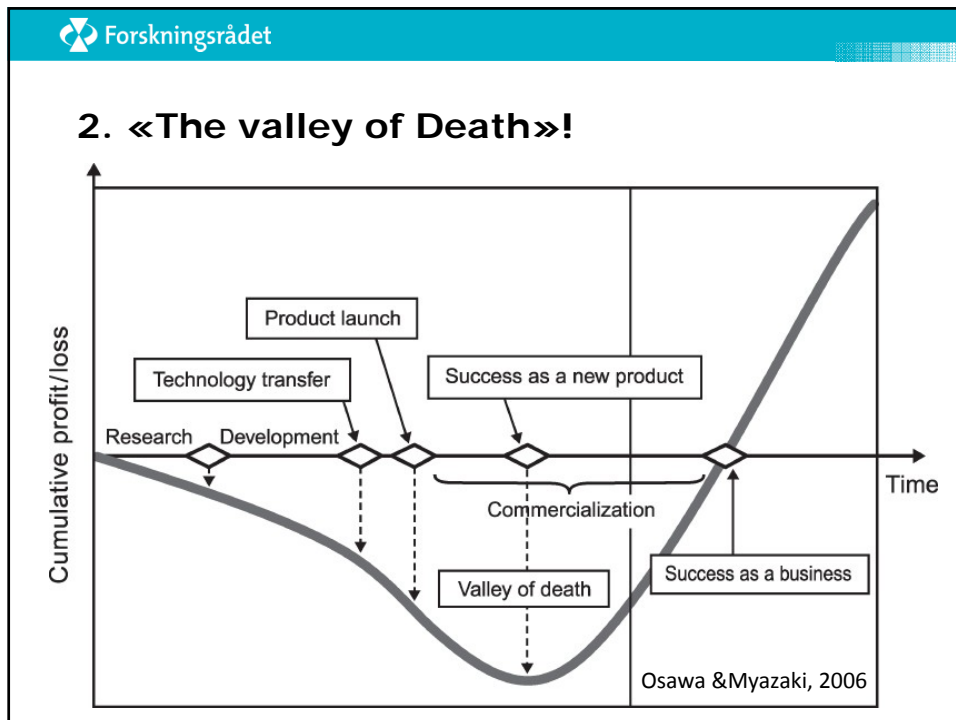
Systemisk Innovasjonsmodell

Kunnskapssyklus

Innovasjonssyklus



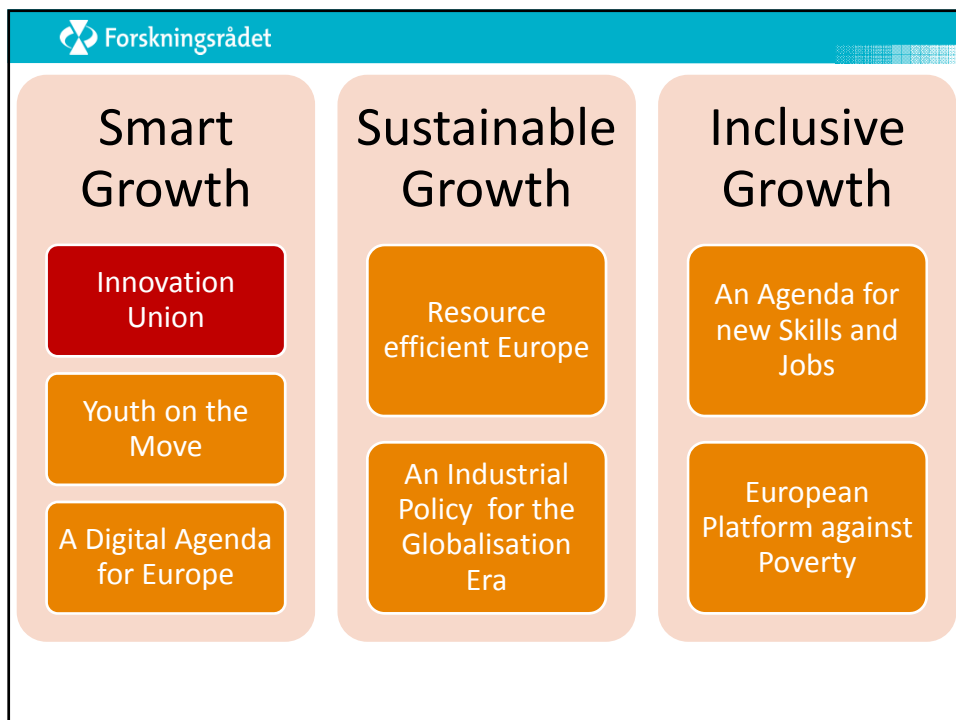
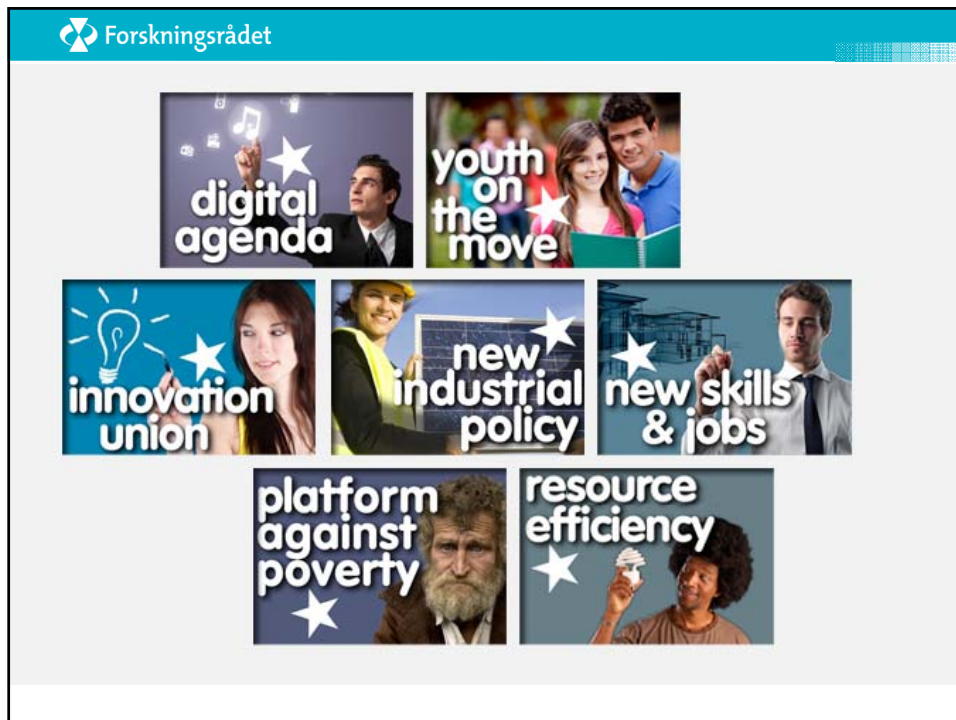
Christoph Mandl: Insights into the Innovation Process



3. Policy-perspektivet: Europe 2020

EUROPE 2020

A European strategy for smart, sustainable and inclusive growth



Innovation Union – Key Initiatives

- Knowledge
- Good ideas to market
- Regional and Social benefits
- Innovation Partnerships
- International cooperation



Knowledge

- **Utvikling av ERA**
- Utdanning av flere forskere
- 3%-målet



Good ideas to market



- A genuine single **European market for innovation**
- **Stimulate private sector investment**

Regional and Social Benefits



- **Avoid an "innovation divide"** between regions
- **Involve everyone in innovation**
- **Social innovation**

Innovation Partnerships



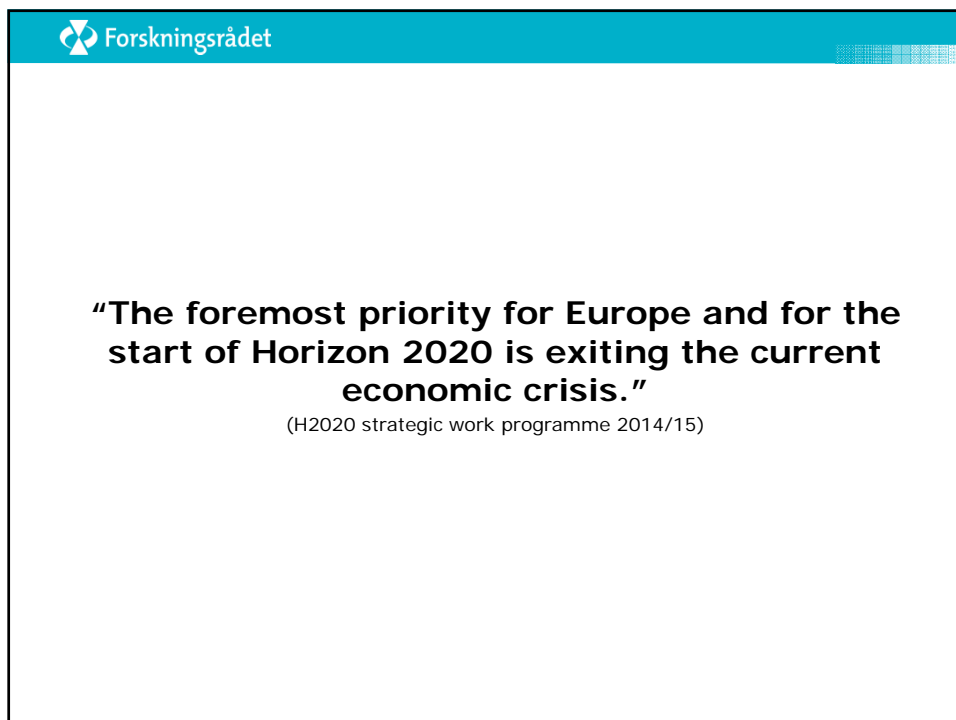
- Bringing together **public and private actors** at EU, national and regional levels

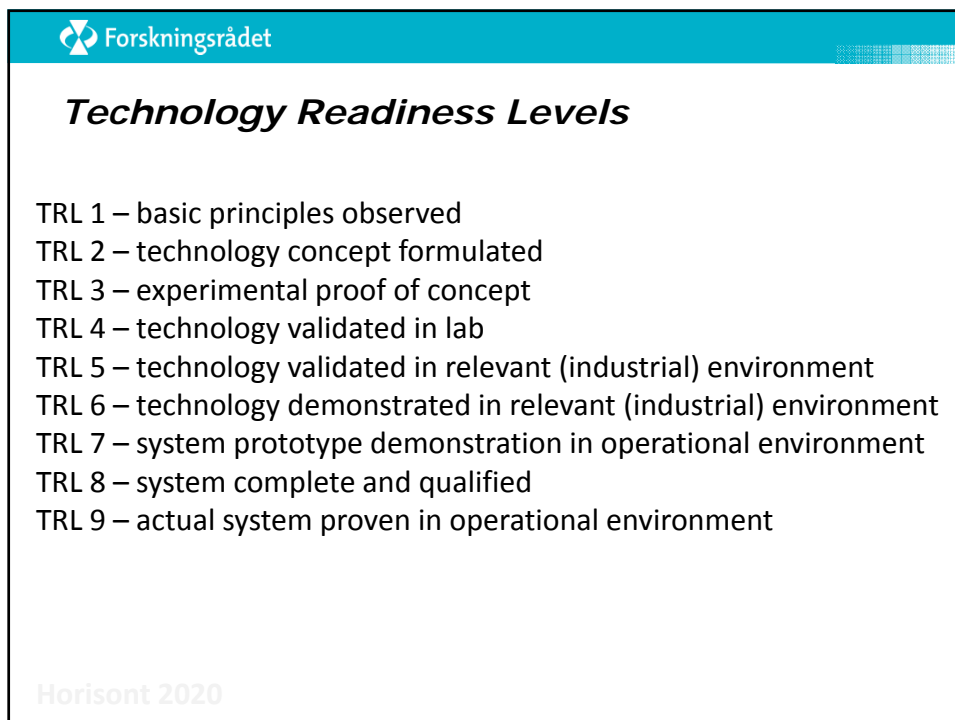
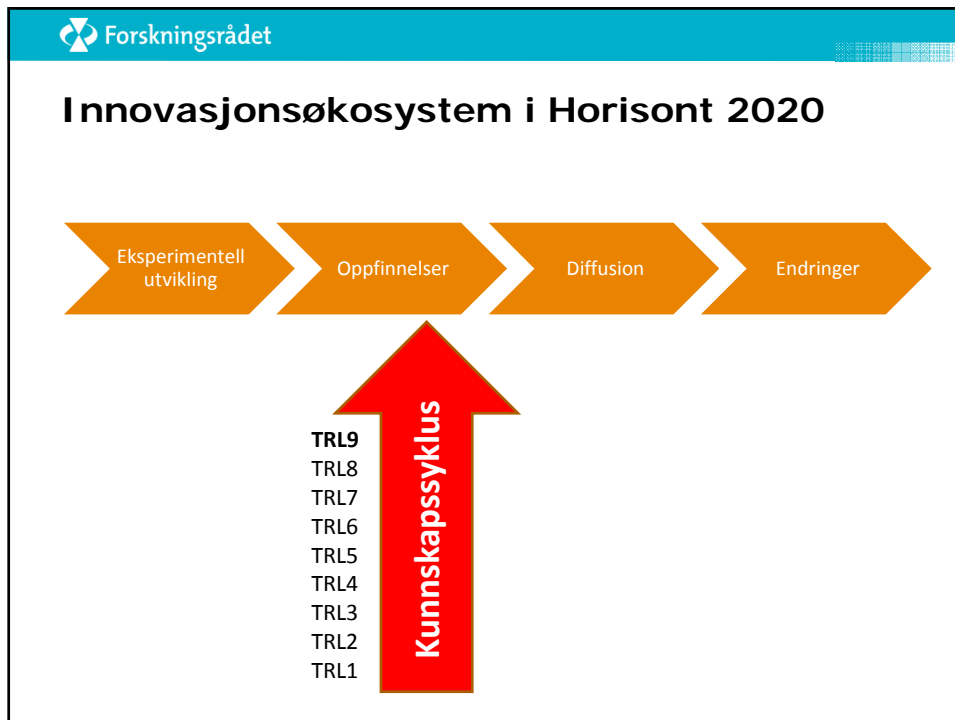


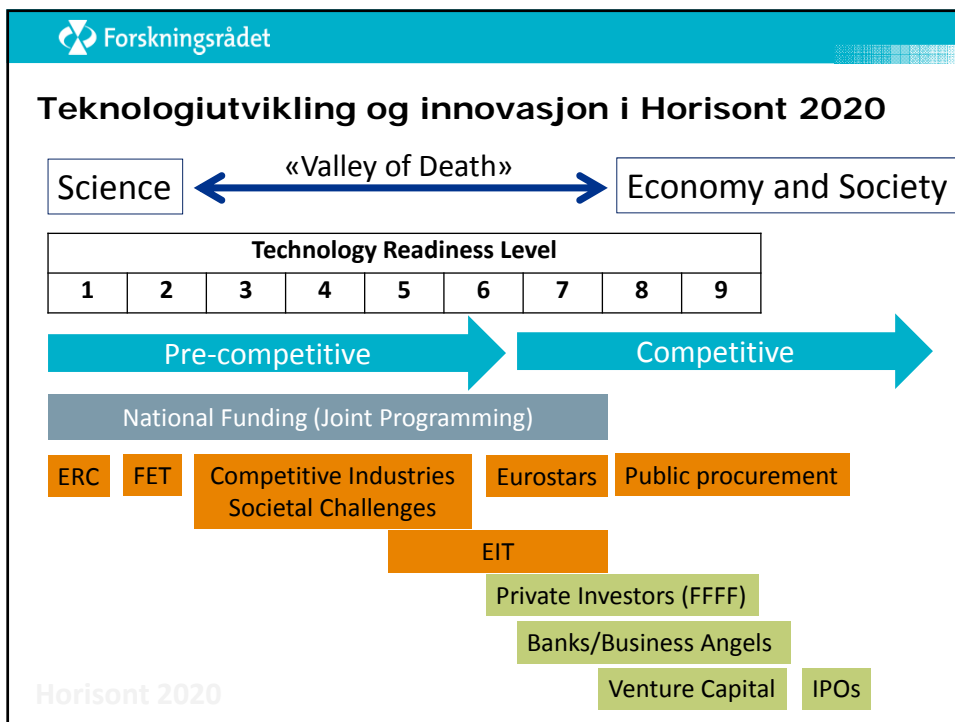
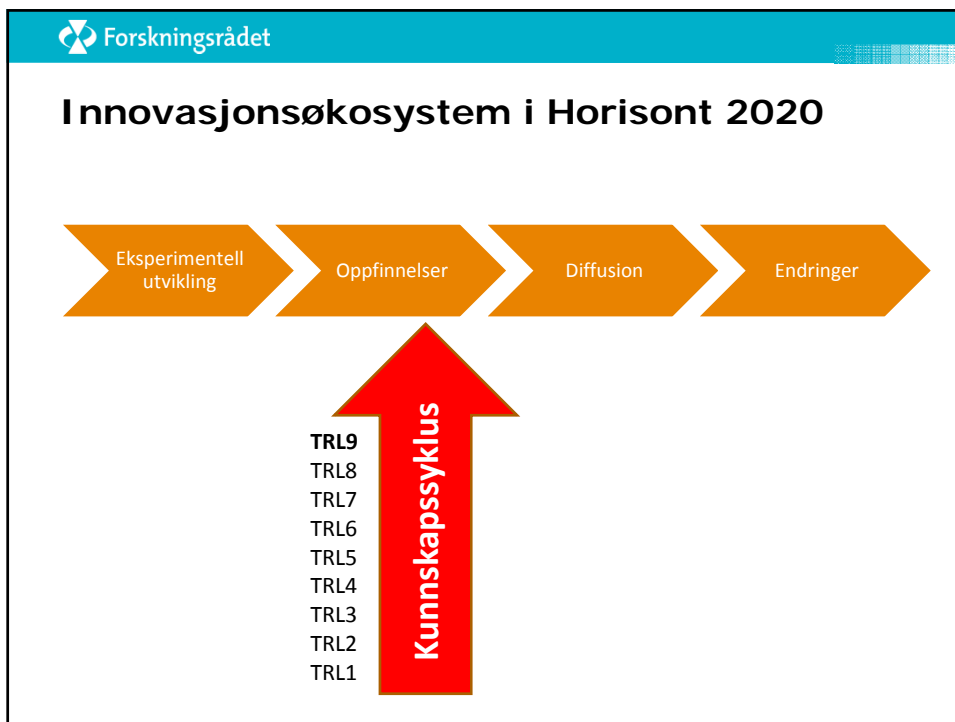
International Cooperation



- Europe should continue to be **open for access to its R&D programmes**
- European Union and its Member States should treat **scientific cooperation with third countries** as an issue of common concern,
- and develop common **approaches to protect our interests.**







5. Implikasjoner for institusjonene

Tverrfaglighet

samspill forskning/samfunn

Verdikjeder

Kvalitet

Samarbeid

Horisont 2020

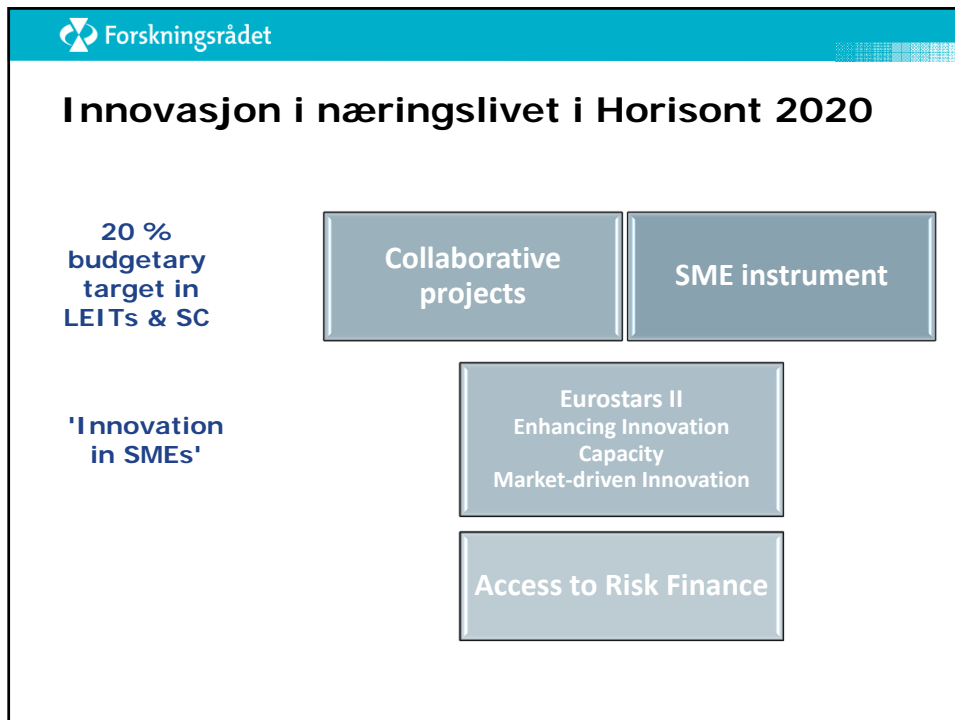
Innovasjon i offentlig sektor

PCP

Pre-kommersielle anskaffelser

PPI

Offentlig innkjøp av innovative løsninger



Noen konklusjoner

- Forskning og innovasjon i H2020 er **«demand-driven»!**
- **Viktig å bli kjent med de nye instrumentene!**
- **FoU-aktørene bør være på tilbudssiden for å lykkes i H2020!**

Hvordan kan vi krysse elven?

Takk for oppmerksomheten!

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